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SUPPLEMENTAL INFORMATION DISGLOSURE STATEMENT BY APPLICANT CITATION FORM

Attorney Docket No. 5634.074

Serial No. 08/442,383

Applicant(s)

John C. Harvey and James W. Cuddihy

Filing Date 16-May-95

Group Art Unit 2602

UNITED STATES PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT: DATE:	NAME A		FILING DATE:
INTO A CONTRACTOR	27,810	November 20, 1973	Euchric 04 10 1860	325/321	MIE
	33,189	September 3, 1861	Cougal	OLO/OL1	
	2,418,127	April 1, 1947	Labin	178/44	
· · · · · · · · · · · · · · · · · · ·	2,563,448	August 7, 1951	Aram	178/5.1	
	2,731,197	January 17, 1956	Farker et al.	235/60	
	3,071,649	January 1, 1963	Gioodall	179/1.5	
	3,107,274	October 15, 1963	Fioschke	178/5.1	
	3,133,986	May 19, 1964	Morris et al.	178/5.1	
	3,251,051	May 10, 1966	Harries	340/345	
	3,470,309	September 30, 1969	Nyberg	178/5.1	
	3,478,166	November 11, 1969	Poiter et al	178/5.1	
:	3,526,843	September 1, 1970	Sanville	329/104	
	3,546,684	December 8, 1970	Maxwell et al.	340/172.5	
	3,639,686	February 1, 1972	V/alker et al.	178/5.8R	
	3,649,749	March 14, 1972	Gilbson	178/5.6	-
	3,651,261	March 21, 1972	Ciuanella	178/22	
	3,666,888	May 30, 1972	Sekimoto	178/69.5 TV	
	3,723,637	March 27, 1973	Fujio et al.	178/5.2R	
	3,746,799	July 17, 1973	Centges	178/22	
	3,755,624	August 28, 1973	Sekimoto	178/69.5 TV	
	3,769,579	October 30, 1973	Harney	325/31	i
	3,773,979	November 20, 1973	Kirk, Jr. et al.	179/15 FD	-
····	3,777,053	December 4, 1973	V/ittig et al.	178/5.1	
·····	3,789,131	January 29, 1974	Famey	178/5.1	
	3,794,922	February 26, 1974	Cisborn et al.	325/53	
	3,795,763	March 5, 1974	Ciolding et al.	178/5.6	
	3,813,482	May 28, 1974	Blonder	178/5.1	
	3,826,863	July 30, 1974	J ohnson	178/5.1	
	3,859,596	January 7, 1975	Jennery et. al.	325/31	
	3,882,289	May 6, 1975	Walding et al.	200/11 D	
	3,885,089	May 20, 1975	Callais et al.	178/5.1	



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EXAMINER.	ATAU EIN	PATIENT DATE	NAME	CLASS/ SUBCLASS	
	4,336,553	June 22, 1982	den Toonder et al.	380/206	May 14, 1980
	4,336,559	June 22, 1982	Koyarna et al.	260/73.05	November 9, 1978
	4,337,480	June 29, 1982	Bourassin et al.	348/552	February 8, 1980
	4,338,628	July 6, 1982	Payne et al.	380/213	December 19, 1979
	4,339,798	July 13, 1982	Hedges et al.	463/26	December 17, 1979
	4,340,903	July 20, 1982	Tamura	348/187	August 6, 1980
	4,343,042	August 3, 1982	Schrock et al.	725/116	June 9, 1979
	4,347,498	August 31, 1982	Lee et al.	340/825.02	November 21, 1979
	4,347,532	August 31, 1982	Korver	348/565	October 14, 1980
	4,353,088	October 5, 1982	den Toonder et al.	380/206	May 14, 1980
	4,354,201	October 12, 1982	Sechet et al.	380/228	June 11, 1980
	4,360,828	November 23, 1982	Briggs, Jr. et al	725/114	August 7, 1978
	4,361,851	November 30, 1982	Asip et al.	725/14	January 4, 1980
	4,361,877	November 30, 1982	Dyer et al.	702/176	February 5, 1980
	4,364,081	December 14, 1982	Hashimoto et al.	348/617	April 16, 1981
	4,365,110	December 21, 1982	Lee et al.	380/28	June 5, 1979
	4,367,548	January 4, 1983	Cotten, Jr. et al.	359/125	April 10, 1980
	4,367,557	January 4, 1983	Stern et al.	725/149	May 25, 1979
	4,368,483	January 11, 1983	l_iu	348/617	June 22, 1981
	4,368,486	January 11, 1983	Degoulet et al.	348/598	February 25, 1981
	4,374,437	February 15, 1983	Citta et al.	455/164.2	December 29, 1980
	4,375,579	March 1, 1983	Davida et al.	380/28	January 30, 1980
	4,375,651	March 1, 1983	Templin et al.	348/731	July 27, 1981
	4,378,470	March 29, 1983	Murto, el al.	379/93.05	March 25, 1981
	4,379,205	April 5, 1983	Wyner	380/28	June 22, 1979
	4,385,324	May 24, 1983	Shioda et al.	348/781	November 16, 1981
	4,388,643	June 14, 1983	- Aminetzah	380/239	April 6, 1981
	4,388,645	June 14, 1983	Cox et al.	348/468	April 13, 1981
	4,388,664	644 June 14, 1983	Ishman et al.	361/93.6	August 3, 1981
HO	4,389,671	June 21, 1983	Posner et al.	380/235	September 29, 1980
<u> </u>	4,390,898	June 28, 1983	Bond et al.	380/241	March 23, 1981
	4,394,691	July 19, 1983	Amano et al.	348/734	July 30, 1981
	4,394,762	July 19, 1981	Nabeshima *	714/758	January 6, 1981
	4,395,757	July 26, 1983	Bienvenu et al.	709/104	April 14, 1981
	4,396,915	August 2, 1983	Farnsworth et al.	340/870.03	March 31, 1980
	4,396,946	August 2, 1983	Bond	380/226	March 23, 1981
	4,396,947	August 2, 1983	Cheung	380/222	March 26, 1980
<u> </u>	4,398,216	August 9, 1983	Field et al.	380/238	September 19, 1980
	4,400,587	August 23, 1983	Taylor et al.	379/113	August 25, 1981
====	4,405,942	September 20, 1983	Block et al.	380/214	March 3, 1982
	4,410,917	October 18, 1983	Newdoll et al.	360/15	<u>September 14, 1981</u>
	4,413,339	November 1, 1983	Riggle et al.	714/765	July 24, 1981
	4,415,771	November 15, 1983	<u>Martinez</u>	379/43	April 3, 1981
	4,422,093	December 20, 1983	Pargee, Jr.	725/115	January 27, 1983
	4,424,532	January 3, 1984	den Toonder et al.	380/226	May 9, 1983

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EXAMINER.	RABINITE NT. NUMBER	PATIENT L. DATE	Circle NAME	Q SHASS	FILING DATE:
7	4,237,484	December 2, 1980	Brown et al.	375/240.12	August 8, 1979
	4,237,486	December 2, 1980	Shimp	348/475	November 9, 1978
	4,245,246	January 13, 1981	Cheung	380/235	August 3, 1978
	4,247,106	January 27, 1981	Jeffers et al.	463/29	April 12, 1978
	4,250,489	February 10, 1981	Dudash et al.	340/825.02	October 31, 1978
	4,250,521	February 10, 1981	Wright	348/616	June 19, 1979
	4,250,524	February 10, 1981	Tomizawa	380/232	February 22, 1979
	4,251,691	February 17, 1981	Kakihara et al.	348/14.01	December 1, 1978
	4,253,114	February 24, 1981	Tang et al.	380/212	September 26, 1978
	4,253,157	February 24, 1981	Kirschner et al.	707/104	September 29, 1978
	4,262,329	April 14, 1981	Bright et al.	713/164	March 27, 1978
	4,264,925	April 28, 1981	Freeman et al.	725/138	August 13, 1979
	4,266,243	May 5, 1981	Shutterly	380/236	April 25, 1979
	4,275,411	June 23, 1981	Lippel	348/472	April 19, 1978
	4,283,602	August 11, 1981	Adams et al.	380/41	September 23, 1968
	4,284,976	August 18, 1981	Gable et al.	340/825.43	June 7, 1979
	4,286,281	August 25, 1981	Suzuki	386/12	September 26, 1979
	4,287,592	September 1, 1981	Paulish et al.	370/403	May 23, 1979
	4,288,809	September 8, 1981	Yabe	348/468	May 21, 1980
	4,290,141	September 15, 1981	Anderson et al.	725/24	July 2, 1979
	4,295,223	October 13, 1981	图 Shutterly 世	455/72	April 25, 1979
	4,302,771	November 24, 1981	Gargini	725/119	July 23, 1980
	4,304,990	December 8, 1981	Atalla Atalla	380/45	February 4, 1980
	4,305,131	December 8, 1981	Best	345/327	March 31, 1980
	4,306,289	December 15, 1981	Lumley	713/190	February 4, 1980
	4,306,305	December 15, 1981	Doi et al.	714/755	October 19, 1979
	4,307,446	December 22, 1981	Barton et al.	710/131	May 2, 1979
	4,310,854	January 12, 1982	Baer'	348/484	August 28, 1979
	4,312,016	January 19, 1982		348/706	February 2, 1979
	4,313,132	January 26, 1982	Doles et al.	725/26	October 31, 1979
	4,314,367	February 2, 1982	Bakka et al.	370/422	January 17, 1980
	4,316,055	February 16, 1982	Feistel	380/37	December 30, 1976
	4,316,245	February 16, 1982	Luv et al.	709/106	December 7, 1978
	4,317,215	February 23, 1982	Tabata et al.	725/131	September 11, 1979
	4,318,125	March 2, 1982	Shutterly	380/236	April 25, 1979
	4,319,079	March 9, 1982	Best	713/190	January 17, 1980
	4,322,745	March 30, 1982	Saeki et al.	380/242	March 21, 1980
)	4,323,921	April 6, 1982	Guillou	705/53	January 23, 1980
\10	4,323,922	04 January 6, 1982	de Toonder et al.	380/226	December 17, 1979
4+	4,325,078	April 13, 1982	Seatom et al.	380/230	November 20, 1979
FD.T.	4,329,675	May 11, 1982	Van Hulle	725/32	September 23, 1980
1	4,329,684	May 11, 1982	Monteath et al.	345/180	January 15, 1980
	4,330,794	May 18, 1982	Sherwood	380/206	February 25, 1980
	4,332,980	June 1, 1982	Reynolds et al.	370/259	May 30, 1980
L.,	4,334,242	June 8, 1982	Mangold	386/46	January 14, 1980



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EXAMINER INITIAL		PATENT. DATE	NAME:	CLASS/ SUBCLASS	FILING C
	3,729,581	April 24, 1973	Anderson	348/640	September 3, 1973
	3,731,197	May 1, 1973	Clark	380/36	December 15, 1969
	3,736,369	May 29, 1973	Vogelman et al.	380/228	March 13, 1972
	3,744,043	July 3, 1973	Walden et al.	340/870.7	June 1, 1971
	3,746,780	July 17, 1973	Stetten et al.	386/95	February 25, 1971
	3,749,845	July 31, 1973	Fraser	370/433	August 27, 1971
	3,754,211	August 21, 1973	Rocher et al.	714/749	December 30, 1971
	3,755,624	August 28, 1973	Sekimoto	348/495	April 22, 1971
	3,757,225	September 4, 1973	Ukicki	725/1	March 16, 1972
	3,761,888	September 25, 1973	Flynn	710/18	August 3, 1972
	3,773,977	November 20, 1973	Guanella	380/36	June 21, 1971
	3,777,053	December 4, 1973	Wittig et al.	380/228	May 16, 1972
	3,789,137	January 29, 1974	Newell	386/98	April 7, 1972
	3,798,359	March 19, 1974	Feistel	380/37	June 30, 1971
	3,798,610	March 19, 1974	Bliss et al	709/236	December 20, 1972
	3,806,814	April 23, 1974	Forbes	725/119	April 26, 1972
	3,819,852	June 24, 1974	Wolf	348/478	August 29, 1972
	3,824,332	July 16, 1974	Horowitz	380/222	February 18, 1972
	3,824,467	July 16, 1974	French	380/35	December 1, 1972
	3,825,893	July 23, 1974	Bossen et al.	714/757	May 29, 1973
	3,833,757	September 3, 1974	Kirk, Jr. et al.	725/144	April 10, 1972
	3,835,387	September 10, 1974	Rookes et al.	725/151	November 15, 1972
	3,842,196	October 15, 1974	Loughlin.	348/486	November 12, 1973
	3,845,391	October 29, 1974	Crosby	455/39	July 15, 1971
	3,859,458	January 7, 1975	Takezawa et al.	348/24	August 30, 1973
	3,882,392	May 6, 1975	Harney	725/79	January 29, 1973
5	3,890,461	June 17, 1975	Vogelman et al.	380/228	March 27, 1973
7	3,891,792	June 24, 1975	Kimura	348/622	June 25, 1974
10	3,893,031	July 1, 1975	Majeau et al.	380/274	November 8, 1972
/10	3,894,176	July 8, 1995 /975	Mellon	380/230	178/5.1
	3,899,633	August 12, 1975	Sorenson et al.	380/207	May 12, 1972
<i>J</i> \	3,909,512	September 30, 1975	.Omori et al.	386/75	October 5, 1973
i	3,911,216	October 7, 1975	" Bártek et al. a	380/46	December 17, 1973
	3,911,419	October 7, 1975	Bates et al.	345/162	November 23, 1973
	3,914,534	October 21, 1975	Forbes	380/220	October 29, 1973
	3,916,091	October 28, 1975	Kirk, Jr. et al.	380/242	January 31, 1973
	3,919,462	November 11, 1975	Hartung et al.	380/235	August 15, 1973
	3,921,151	November 18, 1975	Guanella	380/36	July 12, 1973
	3,922,482	November 25, 1975	Gabriel et al	725/31	August 20, 1971
	3,934,079	January 20, 1976	Barnhart	725/131	October 26, 1973
I	3,936,593	February 3, 1976	Aaronson et al.	380/219	August 5, 1974
	3,936,594	February 3, 1976	Schubin et al.	380/238	August 5, 1974
	3,944,931	March 16, 1976	Usami et al.	455/192.2	November 14, 1974
	2 040 212	April 6 +076	. Tamada et al.	341/50	May 28, 1974
	3,949,313	April 6, 1976	· I alliava et al.	<u> </u>	IVIAY 20, 13/4

		i	*	
4,494,142	January 15, 1985	Mistry	358/118	
4,496,975	January 29, 1985	Noirel	358/147	
4,504,831	March 12, 1985	Jahr et al.	340/870.03	!
4,506,387	March 9, 1985	Walter	455/612	1
4,510,623	April 9, 1985	Bonneau et al.	455/181	· (
4,528,589	July 9, 1985	Block et al.	358/122	1
4,531,020	July 23, 1985	Wechselberger et al.	178/22.03	
4,531,021	July 23, 1985	Bluestein et al.	178/22.0	
4,540,849	September 10, 1985	Oliver	179/2 AM	
4,543,616	September 24, 1985	Brooks	358/335	
4,547,804	October 15, 1985	Greenberg	358/142	1
4,554,584	November 19, 1985	Elam et al.	358/165	. :
4,558,464	December 10, 1985	O'Brien, Jr.	455/4	
4,563,702	January 7, 1986	Heller et al.	358/119	
4,566,030	January 21, 1986	Nickerson et al.	358/84	
4,570,930	February 18, 1986	Matheson	273/1 E	
 4,578,536	March 25, 1986	Oliver et al.	179/2 AM	
 4,578,718	March 25, 1986	Parker et al.	360/10.3	
4,592,546	June 3, 1986	Fascenda et al.	273/1 E	
4,592,546	June 3, 1986	Fascenda et al.	273/1 E	
4,594,609	July 10, 1986 06	Romao et al.	358/119	:
4,595,952	June 17, 1986	Filliman	358/47	
4,600,918	July 15, 1986	Belisomi et al.	340/711	· i
4,600,921	July 15, 1986	Thomas	340/825.31	
 4,605,964	August 12, 1986	Chard	358/147	
4,611,227	September 9, 1986	Brockhurst et al.	358/147	
4,613,901	September 23, 1986	Gilhousen et al.	358/122	
4,621,259	November 4, 1986	Schepers et al.	340/707	
4,621,285	November 4, 1986	Schilling et al.	358/120	
 4,623,920	November 18, 1986	Dufresne et al.	358/122	
4,626,892	December 2, 1986	Nortrup et al.	358/21 R	i
 4,633,297	December 30, -1996	Skerlos et al. 1986	358/22	1 1
4,636,858	January 13, 1987	Hague et al.	358/147	
4,638,357	January 20, 1987	Heimbach	358/121	
4,639,779	January 27, 1987	Greenberg	358/142	i
 4,646,145	February 24, 1987	Percy et al.	358/84	
4,649,533	March 10, 1987	Chorley et al.	370/58	
4,658,290	April 14, 1987	McKenna	358/84	
4,677,685	June 30, 1987	Kurisu	455/4	
4,694,490	September 15, 1987	Harvey et al.	380/20	• 1
4,704,725	November 3, 1987	Harvey et al.	380/48	
4,706,121	November 10, 1987	Young	358/142	
4,710,919	December 1, 1987	Oliver et al.	370/96	$\overline{}$
4,710,955	December 1, 1987	Kauffman	380/10	1



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	4,124,887	November 7, 1978	Johnson et al.	364/107]
	4,126,762	November 21, 1978	Martin et al.	179/2A	
	4,135,213	January 16, 1979	Wintfeld et al.	358/142	1
	4,142,156	February 27, 1979	Freund	325/309	
	4,145,717	March 20, 1979	Guif et al.	358/121	1
	4,148,066	April 3, 1979	Saylor	358/127	: 3
	4,156,253	May 22, 1979	Steudel	358/11	
	4,156,931	May 29, 1979	Adelman et al.	364/900	
	4,163,252	July 31, 1979	Mistry et al.	358/118	i i
	4,180,709	December 25, 1979	Cosgrove et al.	179/2 AM	
	4,199,656	April 22, 1980	Saylor	178/66.1	
	4,199,781	April 22, 1980	Doumit	358/83	
	4,199,809	April 22, 1980	Pasahow et al.	364/200	İ
	4,207,524	June 10, 1980	Purchase	375/22	
	4,214,273	July 22, 1980	Brown	358/188	
	4,215,366/ 31,735	November 13, 1984 01/29/1980	Davidson	358/124	!
	4,216,497	August 5, 1980	Ishman et al.	358/84	
	4,222,068	September 9, 1980	Thompson	358/120	î
	4,225,884	September 30, 1980	Block et al.	358/122	
	4,245,246	January 13, 1981	Cheung	358/124:	- 1
	4,246,611	January 20, 1981	Davies	358/194	: }
	4,247,947	January 27, 1981	Miyamoto	455/38	
	4,250,521	February 10, 1981	Wright	358/8	1
	4,258,386	March 24, 1981	Cheung	358/84	
	4,266,243	May 5, 1981	Shutterly	358/121	1 !
	4,272,784	June 9, 1981	Saito et al.	358/127	1
	4,273,962	June 16, 1981	Wolfe *	179/7.1R	
	4,292,650	September 29, 1981	Hendrickson	358/123	1
	4,295,155	October 13, 1981	Jarger et al.	358/12	
	4,301,542	November 17, 1981	Weintraub et al.	455/353	
	4,305,101	December 8, 1991	Yarbrough et al.	360/69	
	4,310,854	January 12, 1982	Baer et al.	358/143	1
	4,316,217	February 16, 1982	Rifken	358/86	;
	4,318,047	March 2, 1982	Dawson	328/112	
	4,323,921	April 6, 1982	Guillou	358/114	
	4,323,922	April 6, 1982	den Toonder et al.	358/117	
1	4,329,711	May 11, 1982	Cheung	358/114	
	4,335,426	June 15, 1982	Maxwell et al.	364/200	
	4,340,906	July 20, 1982	den Tooder et al.	358/124	11
	4,341,925	July 27, 1982	Frosch et al.	178/22.17	;
	4,343,042	August 3, 1982	Schrock et al.	455/5	7
	4,348,696	September 7, 1982	Bejer	358/188	
	4,351,028	September 21, 1982	Peddie et al.	364/483	
	4,354,201	October 12, 1982	Sechet et al.	358/122	



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EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
WITTAL	4,630,262	12/16/86	Callens et al.	370/81	DAIL
	4,633,297	12/30/96 1986	Skerlos et al.	358/22	
	4,634,807	01/06/87	Chorley et al.	178/22.08	
0	4,634,808	01/06/87	Moerder	178/22.14	: 1
	4,635,121	01/06/87	Hoffman et al.	358/188	
=====	4,636,858	01/13/87	Hague et al.	358/147	
	4,638,181	01/20/87	Deiss	307/243	
	4,638,357	01/20/87	Heimbach	358/121	
	4,638,359	01/20/87	Watson	358/147	
1.211.723.72	4,639,779	01/27/87	Greenberg	358/142	
	4,639,890	01/27/87	Heilveil et al.	364/900	
	4,641,205	02/03/87	Beyers, Jr.	360/33.1	
·	4,641,253	02/03/87	Mastran	364/328	
	4,641,307	02/03/87	Russell	370/60	# 1
	4,644,396	02/17/87	Iwasaki	380/6	05/24/85
	4,646,075	02/24/87	Andrews et al.	340/747	
,	4,647,964	03/03/87	Weinblatt	358/84	
	4,649,533	03/10/87	Chorley et al.	370/58	
	4,656,629	04/07/87	Kondoh et al.	370/85	
	4,658,093	04/14/87	Hellman	380/25	-
	4,658,290	04/14/87	McKenna	358/84	
	4,663,735	05/05/87	Novak et al.	364/900	-
	4,677,434	06/30/87	Fascenda	380/23	
	4,677,465	06/30/87	Lert, Jr. et al.	358/84	
	4,677,611	06/30/87	Yanosy, Jr. et al.	370/85	
	4,680,581	07/14/87	Kozlik et al.	340/825.06	
	4,684,980	08/04/87	Rast et al.	358/86	
	4,685,056	08/04/87	Barnsdale, Jr. et al.	364/200	
	4,685,131	08/04/87	Home	380/20	
	4,688,197	08/18/87	Novak et al.	365/230	
	4,688,247	08/18/87	Davidov	380/19	Lije.
	4,689,022	08/25/87	Peers et al.	434/307	
	4,689,619	08/25/87	O'Brien, Jr.	340/825.08	
	4,691,351	09/01/87	Hayashi et al.	380/10	
	4,692,817	09/08/87	Theis	360/12	
	4,692,819	09/08/87	Steele	360/72.1	
	4,694,490	09/15/87	Harvey et al.	380/20	
	4,694,491	09/15/87	Horne et al.	380/20	03/11/85
	4,695,953	09/22/87	Blair et al.	364/410	04/14/86
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